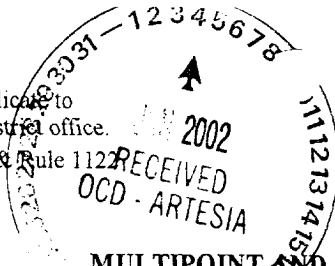


Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122



State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

dsf

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OCEAN ENERGY					Lease or Unit Name PARKWAY WEST UNIT				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11/14/01		Well No. 12		
Completion Date 10/14/01		Total Depth 11520		Plug Back TD 11450		Elevation 3315GL		Unit Ltr - Sec - TWP - Rge 21 19S 29E	
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 10800	Perforations: From: 10639 To: 10650			County EDDY		
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 10701	Perforations: From: To:			Pool W Parkway Atoka		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple MULTIPLE				Packer Set At 107001			Formation ATOKA		
Producing Thru Tubing		Reservoir Temp. °F 180.4	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2			Connection SALES		
L 10645	H 10645	Gg 0.671	%CO ₂ 0.195	%N ₂ 1.162	%H ₂ S N/A	Prover N/A	Meter Run 3.068	Taps FLG	
FLOW DATA				TUBING DATA			CASING DATA		
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F
SI						2495	N/A	PKR	N/A
1		3.068 X 2.125	436	1.2	99	2385			
2		3.068 X 2.125	439	1.9	84	2336			
3		3.068 X 2.125	449	8.1	89	2177			
4		3.068 X 2.125	474	13.3	98	2003			
5									
RATE OF FLOW CALCULATIONS									
No.	COEFFICIENT (24 Hour)		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q, Mcfd	
1								730	
2								890	
3	TOTAL		FLOW	METER				2012	
4								2455	
5									
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf bbl.				
1					A.P. I. Gravity of Liquid Hydrocarbons N/A Deg.				
2					Specific Gravity Separator Gas 0.671 XXXXXXXX				
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid XXXXXX				
4					Critical Pressure 671 P.S.I.A. P.S.I.A.				
5					Critical Temperature 380 R. R.				
P _c 2508.2 P _{c2} 6291.1									
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.909}{\quad} \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{2.719}{\quad}$				
1	5751.4	2399.4	5757	534	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{6.675}{\quad}$				
2	5518.7	2351	5527.1	763.9					
3	4797	2199.9	4839.6	1451.5					
4	4065.1	2031.8	4128.3	2162.8					
5									
Absolute Open Flow 6.675 Mcfd @ 15.025					Angle of Slope (°): 46.86		Slope n: 0.9368		
Remarks: * NO LIQUID MADE DURING TEST.									
Approved By Division:			Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM		